**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**PHRM-0442/0023regUS**

Serial No.  
**09/852,165**

Applicant  
**Peter Lind, et al.**

Filing Date  
**May 8, 2001**

Group  
**1645 1647**

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass

RECEIVED  
JAN 04 2002  
TECH CENTER 1600/2910

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES NO	
BL	FP	EP 1 043 395 A1	10/11/00	EPO		
BL	FQ	WO 99/33978	07/08/99	PCT	X(abstract	
BL	FR	WO 00/22131	04/20/00	PCT		

**EXAMINER****DATE CONSIDERED**

4/24/03



#6

Sheet 1 of 15

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>PHRM-0442</b>	Serial No. <b>09/852,165</b>
		Applicant <b>Peter Lind et al.</b>	
		Filing Date <b>May 8, 2001</b>	Group <del>1647</del> <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
BC	AA	Akane, A., et al., "Direct dideoxy sequencing of genomic DNA by ligation-mediated PCR," <i>Biotechniques</i> , <b>1994</b> , 16(2), 238-241 (page 239 - advertisement)	
	AB	Altschul, S. F., et al., "Basic local alignment search tool," <i>J. Mol. Biol.</i> , <b>1990</b> , 215, 403-410	
	AC	American Veterinary Medical Association, <i>Report of the American Veterinary Medical Assoc.</i> , Panel on Euthanasia, <i>Journal of American Veterinary Medical Assoc.</i> , <b>1993</b> , 202, 229-249	
	AD	Anderson, W. F., "Human gene therapy," <i>Science</i> , <b>1992</b> , 256, 808-813	
	AE	Anderson, W.F., "Human gene therapy," <i>Nature</i> , Supplement to Vol. 392(6679), <b>1998</b> , 25-30	
	AF	Aujame, L., et al., "High affinity human antibodies by phage display," <i>Human Antibodies</i> , <b>1997</b> , 8(4), 155-168	
	AG	Aukrust, P., et al., "Enhanced levels of soluble and membrane-bound CD40 ligand in patients with unstable angina; Possible Reflection of T lymphocyte and platelet involvement in the pathogenesis of acute coronary syndromes," <i>Circulation</i> , <b>1999</b> , 100, 614-620	
	AH	Ausubel, et al. (Eds.), "Chapter 6, Screening of recombinant DNA libraries," <i>Current Protocols in Molecular Biology</i> , <b>1994</b> , John Wiley & Sons, 6.0.1-6.4.10	
*	AI	Ausubel, et al. (Eds.), <i>Current Protocols in Molecular Biology</i> , New York, <b>1987-1999</b> , John Wiley & Sons, Inc.	
	AJ	Baindur, N., et al., "Selective fluorescent ligands for pharmacological receptors," <i>Drug Dev. Res.</i> , <b>1994</b> , 33, 373-398	
EXAMINER <i>Leah</i>		DATE CONSIDERED <i>4/24/03</i>	

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



AUG 14 2001

## Form PTO-1449 Modified

Docket No.  
**PHRM-0442**Serial No.  
**09/852,165**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
**Peter Lind et al.**U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
**May 8, 2001**Group 1647  
**~~Not Yet Assigned~~****OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>PL</i>	AK	Benoist C., et al., "In vivo sequence requirements of the SV40 early promoter region," <i>Nature</i> , <b>1981</b> , 290, 304-310
*	AL	Berger, et al., <i>Guide to Molecular Cloning Techniques</i> , Methods in Enzymology 152, <b>1987</b> , Academic Press, Inc., San Diego, CA
	AM	Birney, E., et al., "PairWise and SearchWise: finding the optimal alignment in a simultaneous comparison of a protein profile against all DNA translation frames," <i>Nucleic Acids Res.</i> , <b>1996</b> , 24(14), 2730-2739
	AN	Bohm, S. K., et al., "Regulatory mechanisms that modulate signalling by G-protein-coupled receptors," <i>Biochem. J.</i> , <b>1997</b> , 322, 1-18
	AO	Bossé, R., et al., "Development of nonseparation binding and functional assays for G protein-coupled receptors for high throughput screening: Pharmacological characterization of the immobilized CCR5 receptor on FlashPlate®," <i>J. Biomolecular Screening</i> , <b>1998</b> , 3(4), 285-292
	AP	Breeden, L., et al., "Regulation of the yeast HO gene," <i>Cold Spring Harb. Symp. Quant. Biol.</i> , <b>1985</b> , Vol. L, <i>Molecular Biology of Development</i> , 643-650
	AQ	Broeck, V., "G-protein-coupled receptors in insect cells," <i>Int. Rev. Cytology</i> , <b>1996</b> , 164, 189-268
	AR	Bruggemann, M., et al., "Strategies for expressing human antibody repertoires in transgenic mice," <i>Immunol. Today</i> , <b>1996</b> , 17(8), 391-397
	AS	Bruggemann, M., et al., "Production of human antibody repertoires in transgenic mice," <i>Curr. Opin. Biotechnol.</i> , <b>1997</b> , 8, 455-458
↓	AT	Cane, D. E., et al., "Harnessing the Biosynthetic Code: Combinations, Permutations, and Mutations," <i>Science</i> , <b>Oct. 1998</b> , 282, 63-68

EXAMINER

*Dei Jell*

DATE CONSIDERED 4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**PHRM-0442**

Serial No.  
**09/852,165**

Applicant  
**Peter Lind et al.**

Filing Date  
**May 8, 2001**

Group 1647  
**Not Yet Assigned**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

BC	AU	Capecchi, M. R., "Altering the genome by homologous recombination," <i>Science</i> , <b>1989</b> , 244, 1288-1292
	AV	Chambers, R. C., et al., "Thrombin stimulates fibroblast procollagen production via proteolytic activation of protease-activated receptor 1," <i>Biochem J.</i> , <b>1998</b> , 333, 121-127
	AW	Choo, Y., et al., "Promoter-specific activation of gene expression directed by bacteriophage-selected zinc fingers," <i>J. Mol. Biol.</i> , <b>1997</b> , 273, 525-532
	AX	Cicala, C., et al., "Bronchoconstrictor effect of thrombin and thrombin receptor activating peptide in guinea-pigs <i>in vivo</i> ," <i>Br. J. Pharmacol.</i> , <b>1999</b> , 126, 478-484
	AY	Cirino, G., et al., "Thrombin functions as an inflammatory mediator through activation of its receptor," <i>J. Exp. Med.</i> , <b>1996</b> , 183, 821-827
*	AZ	Cobbold, et al., "Aequorin measurements of cytoplasmic free calcium," <i>In: McCormack J.G., et al. (Eds.), Cellular Calcium: A Practical Approach</i> , <b>1991</b> , Oxford, IRL Press
	BA	Cosman, D., et al., "Cloning sequence and expression of human interleukin-2 receptor," <i>Nature</i> , <b>1984</b> , 312, 768
	BB	Cosman, D., et al., "High Level Stable Expression of Human Interleukin-2 receptors in Mouse Cells Generates only Low Affinity Interleukin-2 Binding Sites," <i>Mol. Immunol.</i> , <b>1986</b> , 23(9), 935-941
*	BC	<i>Current Protocols in Molecular Biology</i> , <b>1999</b> , John Wiley & Sons, New York
↓	BD	Dayoff, in <i>Atlas of Protein Sequence and Structure</i> , <b>1972</b> , National Biochemical Research Foundation, Washington, D.C., 5, 124

**EXAMINER**
**DATE CONSIDERED**

4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**PHRM-0442**

Serial No.  
**09/852,165**

Applicant  
**Peter Lind et al.**

Filing Date  
**May 8, 2001**

Group ~~1647~~  
**Not Yet Assigned**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

BE	Donovan, F. M., et al., "Thrombin induces apoptosis in cultured neurons and astrocytes via a pathway requiring tyrosin kinase and RhoA activities," <i>J. Neurosci</i> , <b>1997</b> , 17(14), 5316-5326
BF	Dooley, C. T., et al., "Binding and <i>in vitro</i> activities of peptides with high affinity for the nociceptin/orphanin FQ receptor, ORL1," <i>J. Pharmacology and Experimental Therapeutics</i> , <b>1997</b> , 283(2), 735-741
BG	Douglas, A. M., et al., "Direct sequencing of double-stranded PCR products incorporating a chemiluminescent detection procedure," <i>Biotechniques</i> , <b>1993</b> , 14, 824-828
BH	Drmanac, R., et al., "DNA Sequence Determination by Hybridization A Strategy for Efficient Large-Scale Sequencing," <i>Science</i> , <b>1993</b> , 260, 1649-1652 (sequencing by hybridization)
BI	Drmanac, S., et al., "Accurate sequencing by hybridization for DNA diagnostics and individual genomics," <i>Nature Biotechnology</i> , <b>1998</b> , 16, 54-58
* BJ	Eisenthal, R., et al. (Eds.) In Enzyme Assays, <i>A Practical Approach</i> , <b>1992</b> , Oxford University Press
BK	Fields, S., et al., "A novel genetic system to detect protein-protein interactions," <i>Nature</i> , <b>1989</b> , 340, 245-246
BL	Fields, S., et al., "The two-hybrid system: an assay for protein-protein interactions," <i>Trends in Genetics</i> , <b>1994</b> , 10(8), 286-292
BM	Fischer, S. G., et al., "DNA fragments differing by single base-pair substitutions are separated in denaturing gradient gels: Correspondence with melting theory," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1983</b> , 80, 1579-1583
BN	Foote, J., et al., Antibody framework residues affecting the conformation of the hypervariable loops," <i>J. Mol. Biol.</i> , <b>1992</b> , 224, 487-499

**EXAMINER****DATE CONSIDERED** 4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**PHRM-0442**

Serial No.  
**09/852,165**

Applicant  
**Peter Lind et al.**

Filing Date  
**May 8, 2001**

Group **1647**  
~~Not Yet Assigned~~

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

BK	BO	Frandsen, E. K., et al., "A simple ultrasensitive method for the assay of cyclic AMP and GMP in tissues," <i>Life Sciences</i> , <b>1976</b> , 18, 529-542
	BP	Friedmann, T., "Progress toward human gene therapy," <i>Science</i> , <b>1989</b> , 244, 1275-1281
	BQ	George, S. E., et al., "Evaluation of a CRE-directed luciferase reporter gene assay as an alternative to measuring cAMP accumulation," <i>J. Biomolecular Screening</i> , <b>1997</b> , 2(4), 235-240
	BR	Gerhardt, C. C., et al., "Functional characteristics of heterologously expressed 5-HT receptors," <i>Eur. J. Pharmacology</i> , <b>1997</b> , 334, 1-23
	BS	Gill, J. S., et al., "Thrombin induced inhibition of neurite outgrowth from dorsal root ganglion neurons," <i>Brain Res.</i> , <b>1998</b> , 797, 321-327
	BT	Grabham, P., et al., "Thrombin receptor activation stimulates astrocyte proliferation and reversal of stellation by distinct pathways: involvement of tyrosine phosphorylation," <i>J. Neurochem</i> , <b>1995</b> , 64, 583-591
	BU	Greisman, H. A., et al., "A general strategy for selecting high-affinity zinc finger proteins for diverse DNA target sites," <i>Science</i> , <b>1997</b> , 275, 657-661
*	BV	Harlow, et al. (Eds.), <i>Antibodies A Laboratory Manual</i> , <b>1988</b> , Cold Spring Harbor Laboratory; Cold Spring Harbor, New York
	BW	Hauck, R. W., et al., "α-thrombin stimulates contraction of human bronchial rings by activation of protease-activated receptors," <i>Am J. Physiol</i> , <b>1999</b> , 277, L22-L29
↓	BX	Henikoff, S., et al., "Amino acid substitution matrices from protein blocks," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1992</b> , 89, 10915-10919

**EXAMINER**
**DATE CONSIDERED**

4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

## Form PTO-1449 Modified

Docket No.  
**PHRM-0442**Serial No.  
**09/852,165**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
**Peter Lind et al.**U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
**May 8, 2001**Group **1647**  
~~Not Yet Assigned~~**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

* Bc	BY	Hershey, A. D., (Ed.), <i>The Bacteriophage Lambda</i> , 1973, Cold Spring Harbor Press, Cold Spring Harbor, New York
	BZ	Hill, D. C., "Trends in development of high-throughput screening technologies for rapid discovery of novel drugs," <i>Cur. Opinion Drug Disc. Dev.</i> , 1998, 1(1), 92-97
	CA	Hodgson, J., "Receptor screening and the search for new pharmaceuticals," <i>Bio/Technology</i> , 1992, 10, 973-980
	CB	Hoogenboom H. R., "Designing and optimizing library selection strategies for generating high-affinity antibodies," <i>TIBTECH</i> , 1997, 15, 62-70
	CC	Jayawickreme, C. K., et al., "Gene expression systems in the development of high-throughput screens," <i>Current Opinion in Biotechnology</i> , 1997, 8, 629-634
	CD	Jones, P. T., et al., "Replacing the complementarity-determining regions in a human antibody with those from a mouse," <i>Nature</i> , 1986, 321, 522-525
	CE	Karlin, S., et al., "Applications and statistics for multiple high-scoring segments in molecular sequences," <i>Proc. Natl. Acad. Sci. USA</i> , 1993, 90, 5873-5787
	CF	Kettleborough, C. A., et al., "Humanization of a mouse monoclonal antibody by CDR-grafting: the importance of framework residues on loop conformation," <i>Protein Engin.</i> , 1991, 4(7), 773-783
	CG	Kieleczawa, J., et al., "DNA sequencing by primer walking with strings of contiguous hexamers," <i>Science</i> , 1992, 258, 1787-1791
↓	CH	Kim, J., et al., "Design of TATA box-binding protein/zinc finger fusions for targeted regulation of gene expression," <i>Proc. Natl. Acad. Sci. USA</i> , 1997, 94, 3616-3620

EXAMINER

*Reidell*

DATE CONSIDERED

4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**PHRM-0442**

Serial No.  
**09/852,165**

Applicant  
**Peter Lind et al.**

Filing Date  
**May 8, 2001**

Group 1647  
**Not Yet Assigned**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

* <i>PSL</i>	CI	Kruse et al. (eds.), in <i>Tissue Culture</i> , Academic Press, 1973
	CJ	Kuntzweiler, T. A., et al., "Rapid assessment of ligand actions with nicotinic acetylcholine receptors using calcium dynamics and FLIPR," <i>Drug Development Research</i> , 1998, 44(1), 14-20
	CK	Lajiness et al., "D2 dopamine receptor stimulation of mitogenesis in transfected chinese hamster ovary cells: relationship to dopamine stimulation of tyrosine phosphorylations", <i>J. Pharm. Exp. Ther.</i> , 1993, 267(3), 1573-1581
*	CL	Lehninger, "Chapter 4, The amino acid building blocks of proteins," <i>Biochemistry</i> , 2 <sup>nd</sup> Ed., 1975, Worth Publishers, Inc., New York, New York, 71-77
	CM	Lin, A. H., et al., "The oxazolidinone eperezolid binds to the 50S ribosomal subunit and competes with binding of chloramphenicol and lincomycin," <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41(10), 2127-2131
	CN	Liu, Q., et al., "Design of polydactyl zinc-finger proteins for unique addressing within complex genomes," <i>Proc. Natl. Acad. Sci. USA</i> , 1997, 94, 5525-5530
	CO	Luckow, V. A., et al., "Trends in the development of baculovirus expression vectors," <i>Bio/Technology</i> , 1988, 6, 47-55
	CP	Maxam, A. M., et al., "Sequencing end-labeled DNA with bse-specific chemical cleavages", <i>Meth. Enzymol.</i> , 1977, Vol. 65, 499-560
	CQ	McColl, D. J., et al., "Structure-based design of an RNA-binding zinc finger", <i>Proc. Natl. Acad. Sci. (USA)</i> , 1997, Vol. 96, 9521-9526
✓	CR	Miller, A. D., "Human gene therapy comes of age", <i>Nature</i> , 1992, Vol. 357, pp. 455-460

**EXAMINER***Parke***DATE CONSIDERED***4/24/03*

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

## Form PTO-1449 Modified

Docket No.  
**PHRM-0442**Serial No.  
**09/852,165**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
**Peter Lind et al.**U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
**May 8, 2001**Group **1647**  
~~Not Yet Assigned~~**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

32	CS	Mirzabekov, A. D., "DNA sequencing by hybridization - A megasequencing method and a diagnostic tool?", <i>TIBTECH</i> , 1994, Vol. 12, 27-32
	CT	Morrison, et al., "Genetically engineered antibody molecules," Dixon, F.J., et al. (Eds.), <i>Adv. Immunol.</i> , 1989, 44, 65-92
	CU	Murphy, A. J., et al., "From DNA to drugs: the orphan G-protein coupled receptors," <i>Cur. Opinion Drug Disc. Dev.</i> , 1998, 1(2), 192-199
	CV	Myers, P., "Will combinatorial chemistry deliver real medicines," <i>Curr. Opin. Biotechnology</i> , 1997, 8, 701-707
	CW	Myers, R. M., et al., "Detection of single base substitutions by ribonuclease cleavage at mismatches in RNA: DNA duplexes", <i>Science</i> , 1985, Vol. 230, 1242-1246
	CX	Nakayama, G. R., "Microplate assays for high-throughput screening," <i>Cur. Opinion Drug Disc. Dev.</i> , 1998, 1(1), 85-91
*	CY	O'Rielly, et al. (Eds.), <i>Baculovirus Expression Vectors: A Laboratory Manual</i> , 1992, W.H. Freeman and Company, New York
	CZ	Okayama, H., et al., "A cDNA cloning vector that permits expression of cDNA inserts in mammalian cells," <i>Mol. Cell. Biol.</i> , 1983, 3(2), 280-289
	DA	Orita, M., et al., "Detection of polymorphisms of human DNA by gel electrophoresis as single-strand conformation polymorphisms," <i>Proc. Natl. Acad. Sci. USA</i> , 1989, 86, 2766-2770
* ↓	DB	Osol, A. (Ed.), <i>Remington's Pharmaceutical Sciences</i> , 16 <sup>th</sup> Ed., 1980

EXAMINER

*Robert*

DATE CONSIDERED

4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



**Form PTO-1449 Modified**Docket No.  
**PHRM-0442**Serial No.  
**09/852,165**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
**Peter Lind et al.**U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
**May 8, 2001**Group **1647**  
~~Not Yet Assigned~~**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

BC	DC	Padlan, E. A., "A possible procedure for reducing the immunogenicity of antibody variable domains while preserving their ligand-binding properties," <i>Molecular Immunol.</i> , <b>1991</b> , 28(4/5), 489-498
	DD	Parodi, L. A., et al., "A consensus procedure for predicting the location of $\alpha$ -helical transmembrane segments in proteins," <i>Comput. Appl. Biosci.</i> , <b>1994</b> , 10(5), 527-535
	DE	Pastinen, T., et al., "Minisequencing: A specific tool for DNA analysis and diagnostics on oligonucleotide arrays," <i>Genome Res.</i> , <b>1997</b> , 7, 606-614
	DF	Pausch, M. H., "G-protein-coupled receptors in <i>saccharomyces cerevisiae</i> : high-throughput screening assays for drug discovery," <i>Trends in Biotechnology</i> , <b>1997</b> , 15, 487-494
	DG	Pease, A. C., et al., "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1994</b> , 91, 5022-5026
	DH	Pindon, A., et al., "Thrombin-induced reversal of astrocyte stellation is mediated by activation of protein kinase C $\beta$ -1," <i>Eur. J. Biochem.</i> , <b>1998</b> , 255, 766-774
	DI	Rader, C., et al., "Phage display of combinational antibody libraries," <i>Curr. Opin. Biotechnol.</i> , <b>1997</b> , 8, 503-508
	DJ	Ramsay, G., "DNA chips: state-of-the-art," <i>Nature Biotechnology</i> , <b>1999</b> , 16, 40-48
	DK	Riechmann, L., et al., "Reshaping human antibodies for therapy," <i>Nature</i> , <b>1988</b> , 332, 323-327
↓	DL	Riesner, D., et al., "Temperature-gradient gel electrophoresis of nucleic acids: Analysis of conformational transitions, sequence variations, and protein-nucleic acid interactions," <i>Electrophoresis</i> , <b>1989</b> , 10, 377-389

**EXAMINER****DATE CONSIDERED** 4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

## Form PTO-1449 Modified

Docket No.  
**PHRM-0442**Serial No.  
**09/852,165**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
**Peter Lind et al.**U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
**May 8, 2001**Group **1647**  
**Not Yet Assigned****OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>PL</i>	DM	Roberts, E., et al., "Potassium permanganate and tetraethylammonium chloride are a safe and effective substitute for osmium tetroxide in solid-phase fluorescent chemical cleavage of mismatch," <i>Nucl. Acids Res.</i> , <b>1997</b> , 25(16), 3377-3378
	DN	Rogers, M. V., "Light on high-throughput screening: fluorescence-based assay technologies," <i>Drug Discovery Today</i> , <b>1997</b> , 2(4), 156-160
	DO	Rowley, G., et al., "Ultrarapid mutation detection by multiplex solid-phase chemical cleavage," <i>Genomics</i> , <b>1995</b> , 30, 574-582
*	DP	Sambrook, et al., <i>Molecular Cloning: A Laboratory Manual</i> , 2 <sup>nd</sup> Ed., <b>1989</b> , Cold Spring Harbor press, Cold Spring Harbor, New York
*	DQ	Sambrook, et al., (Eds.), <i>Molecular Cloning: A Laboratory Manual</i> , <b>1989</b> , Cold Spring Harbor Laboratory Press: Cold Spring Harbor, New York, 9.47-9.51
*	DR	Sambrook, et al., <i>Antibodies A Laboratory Manual</i> , <b>1989</b> , Cold Spring Harbor Laboratory; Cold Spring Harbor, New York
	DS	Sanger, F., et al., "DNA sequencing with chain-terminating inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1977</b> , 74(12), 5463-5467
	DT	Schaefer, A. J. et al., "DNA variation and the future of human genetics," <i>Nature Biotechnology</i> , <b>Jan. 1998</b> , 16, 33-39
	DU	Schroeder, K. S., et al., "FLIPR: A new instrument for accurate, high throughput optical screening," <i>J. Biomolecular Screening</i> , <b>1996</b> , 1(2), 75-80
<i>↓</i>	DV	Segal, D. J., et al., "Toward controlling gene expression at will: Selection and design of zinc finger domains recognizing each of the 5'-GNN-3' DNA target sequences," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1999</b> , 96, 2758-2763

EXAMINER

DATE CONSIDERED *4/24/03*

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

**Form PTO-1449 Modified**Docket No.  
**PHRM-0442**Serial No.  
**09/852,165**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
**Peter Lind et al.**U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
**May 8, 2001**Group **1647**  
**Not Yet Assigned-****OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<b>PL</b>	DW	Shumaker, J. M., et al., "Mutation detection by solid phase primer extension," <i>Hum. Mutat.</i> , <b>1996</b> , 7, 346-354
	DX	Sim, L. J., et al., "Identification of opioid receptor-like (ORL1) peptide-stimulated [ <sup>35</sup> S]GTPγS binding in rat brain," <i>Neuroreport</i> , <b>1996</b> , 7(3), 729-733
	DY	Smith, T. F., et al., "Comparison of biosequences," <i>Adv. Appl. Math.</i> , <b>1981</b> , 2, 482-489
	DZ	Smith-Swintosky, V. L., et al., "Protease-activated receptor-2 (PAR-2) is present in the rat hippocampus and is associated with neurodegeneration," <i>J. Neurochem</i> , <b>1997</b> , 69, 1890-1896
	EA	Sonnhammer, E., et al., "A hidden markov model for predicting transmembrane helices in protein sequences," Glasgow, J., et al. (Eds.), <i>ISMB</i> , <b>1998</b> , 6, 175-182
	EB	Stables, J., et al., "A bioluminescent assay for agonist activity at potentially any G-protein-coupled receptor," <i>Analytical Biochemistry</i> , <b>1997</b> , 252, 115-126
	EC	Stratowa, C., et al., "Use of a luciferase reporter system for characterizing G-protein-linked receptors," <i>Current Opinion in Biotechnology</i> , <b>1995</b> , 6, 574-581
	ED	Strosberg, A. D., et al., "Structure/function relationship of proteins belonging to the family of receptors coupled to GTP-binding proteins," <i>Eur. J. Biochem.</i> , <b>1991</b> , 196(1), 1-10
	EE	Strosberg, et al., "Functional expression of receptors in microorganisms," <i>Trends in Pharmacological Sciences</i> , <b>1992</b> , 13, 95-98
	EF	Suidan, H. A., et al., "The thrombin receptor in the nervous system," <i>Semin Thromb Hemost</i> , <b>1996</b> , 22(2), 125-133

**EXAMINER****DATE CONSIDERED** 4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



**Form PTO-1449 Modified**Docket No.  
**PHRM-0442**Serial No.  
**09/852,165**Applicant  
**Peter Lind et al.**Filing Date  
**May 8, 2001**Group **1647**  
**Not Yet Assigned**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark Office**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

B2	EG	Summers, et al., <i>A Manual of Methods for Baculovirus Vectors and Insect Cell Culture Procedures</i> , Texas Agricultural Experimental Station Bulletin No. 1555, 1987, 2-46
	EH	Sutherland, E. W., et al., "Some aspects of the biological role of adenosine 3',5'-monophosphate (cyclic AMP)," <i>Circulation</i> , 1968, 37, 279-306
	EI	Sweetnam, P. M., et al., "The role of receptor binding in drug discovery," <i>J. Natural Products</i> , 1993, 56(4), 441-455
	EJ	Tempest, P. R., et al., "Reshaping a human monoclonal antibody to inhibit human respiratory syncytial virus infection <i>in vivo</i> ," <i>Bio/Technology</i> , 1991, 9, 266-271
	EK	Trejo, J., et al., "The cloned thrombin receptor is necessary and sufficient for activation of mitogen-activated protein kinase and mitogenesis in mouse lung fibroblasts," <i>J. Biol. Chem.</i> , 1996, 271, 21536-21541
	EL	Trejo, J., et al., "The cloned thrombin receptor is necessary and sufficient for activation of mitogen-activated protein kinase and mitogenesis in mouse lung fibroblasts," <i>J. Biol. Chem.</i> , 1996, 271, 21536-21541
	EM	Turgeon, V. L., et al., "Thrombin perturbs neurite outgrowth and induces apoptotic cell death in enriched chick spinal motoneuron cultures through caspase activation," <i>J. Neurosci</i> , 1998, 18(17), 6882-6891
	EN	Ubl, J. J., et al., "Characteristics of thrombin-induced calcium signals in rat astrocytes," <i>Glia</i> , 1997, 21, 361-369
	EO	Verhoeyen, M., et al., "reshaping human antibodies: Grafting an antilysozyme activity," <i>Science</i> , 1988, 239, 1534-1536
↓	EP	Verma, I. M., "Gene therapy," <i>Scientific American</i> , 1990, 68-84 (pages 73-80 and 83 are advertisements)

**EXAMINER***R. J. Riddle***DATE CONSIDERED** 4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

## Form PTO-1449 Modified

Docket No.  
**PHRM-0442**Serial No.  
**09/852,165**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
**Peter Lind et al.**U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
**May 8, 2001**Group **1647**  
~~Not Yet Assigned~~**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

BL	EQ	White, M. B., et al., "Detecting single base substitutions as heteroduplex polymorphisms," <i>Genomics</i> , <b>1992</b> , 12, 301-306
	ER	Wieboldt, R., et al., "Immunoaffinity ultrafiltration with ion spray HPLC/MS for screening small-molecule libraries," <i>Anal. Chem.</i> , <b>1997</b> , 69(9), 1683-1691
	ES	Williams, M., "Receptor binding in the drug discovery process," <i>Medicinal Research Reviews</i> , <b>1991</b> , 11(2), 147-184
	ET	Wu, H., et al., "Building zinc fingers by selection: toward a therapeutic application," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1995</b> , 92, 344-348
↓	FM	Luckow, V. A., et al., "High Level Expression of Nonfused Foreign Genes with Autographa californica Nuclear Polyhedrosis Virus Expression Vectors," <i>Virology</i> , <b>1989</b> , 170, 31-39

EXAMINER

*Carroll*

DATE CONSIDERED

4/24/03

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

**Form PTO-1449 Modified**Docket No.  
**PHRM-0442**Serial No.  
**09/852,165**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
**Peter Lind et al.**U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
**May 8, 2001**Group **1647**  
**Not Yet Assigned****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>BL</i>	EU	4,399,216	08/16/83	Axel, et al.	435	6
	EV	4,683,195	07/28/87	Mullis, et al.	435	6
	EW	4,683,202	07/28/87	Mullis	435	6
	EX	4,879,236	11/07/89	Smith, et al.	435	235
	EY	5,202,231	04/13/93	Drmanac, et al.	435	6
	EZ	5,521,065	05/28/96	Whiteley, et al.	435	6
	FA	5,585,277	12/17/96	Bowie, et al.	436	518
	FB	5,837,832	11/17/98	Chee, et al.	536	22.1

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES NO	
<i>BL</i>	FC	WO 91/18982	12/12/91	PCT		
	FD	WO 91/09955	07/11/91	PCT		
	FE	WO 92/20808	11/26/92	PCT		
	FF	WO 93/11236	06/10/93	PCT		
	FG	WO 94/12650	06/09/94	PCT		

**EXAMINER***Leitch***DATE CONSIDERED***4/24/03*



## Form PTO-1449 Modified

Docket No.  
PHRM-0442Serial No.  
09/852,165List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
Peter Lind et al.U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
May 8, 2001Group 1647  
~~Not Yet Assigned~~

## U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass

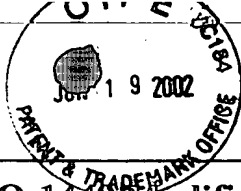
## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	
BL	FH	WO 95/20652	08/03/95	PCT		
	FI	WO 96/22976	08/01/96	PCT		
	FJ	WO 97/09433	03/13/97	PCT		
	FK	WO 98/37177	08/27/98	PCT		
	FL	0 367 566 A	05/09/90	EPO		

EXAMINER

DATE CONSIDERED 4/24/03





#9

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>PHRM-0442/ 00231regUS</b>	Serial No. <b>09/852,165</b>
		Applicant <b>Peter Lind, et al.</b>	
		Filing Date <b>May 8, 2001</b>	Group <b>1645-1647</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>PL</i>	<b>150</b>	Marchese, A., et al., "Novel GPCRs and their endogenous ligands: expanding the boundaries of physiology and pharmacology," <i>TIPS</i> , September 1999, 20, 370-375	
<b>EXAMINER</b> <i>Leidse</i>		<b>DATE CONSIDERED</b> <i>4/24/03</i>	

RECEIVED

JUN 25 2002

TECH CENTER 1600/2900

U. S. PATENT DOCUMENTS

RECEIVED

JUN 25 2002

~~TECH CENTER 1600/2900~~

## FOREIGN PATENT DOCUMENTS

EXAMINER	<i>Large</i>	DATE CONSIDERED	4/24/03
----------	--------------	-----------------	---------



# 11

Sheet 1 of 2

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>PHRM-0442/ 00231regUS</b>	Serial No. <b>09/852,165</b>
		Applicant <b>Peter Lind, et al.</b>	
		Filing Date <b>May 8, 2001</b>	<b>RECEIVED</b> <b>SEP 05 2002</b> <b>TECH CENTER 1600/2000</b> <b>1645-1647</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>BL</i>	<b>152</b>	Birren, B., et al., "Homo sapiens clone RP11-15H8, working draft sequence, 31 unordered pieces," <i>Database EMBL Online</i> , Accession No. AC011780, October 18, 1999, XP002207517, 23 pages	
<i>BL</i>	<b>153</b>	Raming, K., et al., "Identification of a novel G-protein coupled receptor expressed in distinct brain regions and a defined olfactory zone," <i>Receptors and Channels</i> , 1998, 6, 141-151	
<i>BL</i>	<b>154</b>	Wallis, J., "Human DNA sequence from clone RP5-1160K1 on chromosome 1," <i>Database EMBL Online</i> , Accession No. AL355310, May 5, 2000, XP-002207518, 17 pages	
<b>EXAMINER</b> <i>Loisse</i>		<b>DATE CONSIDERED</b> <i>4/24/03</i>	



Sheet 2 of 2

**Form PTO-1449 Modified**Docket No.  
**PHRM-0442/  
00231regUS**Serial No.  
**09/852,165****RECEIVED**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
**Peter Lind, et al.****SEP 05 2002**U.S. Department of Commerce  
Patent and Trademark OfficeFiling Date  
**May 8, 2001**Group  
**1645-1647****TECH CENTER 1600/2900****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
.						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES NO
BK	155	8-245697	09/24/96	Japan	X abstract
	156	WO 96/05302	02/22/96	PCT	
	157	WO 01/36471	05/25/01	PCT	
	158	WO 01/48188	05/07/01	PCT	X abstract
	159	WO 01/70812	09/27/01	PCT	
	160	WO 01/70967	09/27/01	PCT	
↓	161	WO 01/72836	10/04/01	PCT	

**EXAMINER***Reid***DATE CONSIDERED***4/24/03*